

Amendments to the Claims

Following is a complete listing of the claims pending in the application, as amended:

1. (Currently amended) A method for entrapping a supersaturated compound solution in preparing liposomes, comprising:

selecting a compound having room temperature water solubility capable of exhibiting at least a two-fold increase in response to a condition selected from the group consisting of: (i) increasing solvent temperature, (ii) adding a co-solvent, and (iii) changing solvent pH;

providing a supersaturated solution of the compound;

selecting liposomes of a size effective to inhibit precipitation of the compound from said supersaturated solution when entrapped in a said liposomes; and

entrapping the compound in the forming liposomes having said selected size and which contain said supersaturated solution of the compound in a supersaturated state.

2. (Cancelled)

3. (Original) The method of claim 1, wherein selecting the liposomes comprises selecting liposomes that have a liposome size of between about 60 nm to about 1000 nm.

4. (Original) The method of claim 1, wherein selecting the liposomes comprises preparing liposomes having an entrapped compound at liposome size intervals between about 60 to about 1000 nm and analyzing the liposomes for the presence or absence of a precipitated compound.

5. (Currently amended) The method of claim 1, wherein selecting the liposomes comprises preparing liposomes having an entrapped compound at liposome size intervals between about ~~60~~ 70 nm to about ~~4000~~ 500 nm and analyzing the liposomes for the presence or absence of a precipitated compound.

6. (Currently amended) The method of claim 1, wherein ~~the entrapping~~ said forming liposomes comprises preparing a solution of lipids.

7. (Previously amended) The method of claim 6, wherein the preparing comprises preparing a solution of lipids that comprises a lipid derivatized with a hydrophilic polymer.

8. (Currently amended) The method of claim 6, wherein the preparing comprises preparing a solution of lipids effective to form a rigid lipid bilayer.

9. (Currently amended) The method of claim 1, further comprising removing from an external liposome suspension medium the condition selected to maintain the ~~drug~~ compound above the room temperature solubility limit.

10-15. Cancelled

16. (Currently amended) A method for preparing liposomes which contain a supersaturated solution of a compound, comprising:

preparing an aqueous supersaturated solution of a compound ~~suitable for entrapment in an internal aqueous compartment of the liposomes;~~

hydrating a lipid film or a lipid solution with ~~a concentrated~~ said supersaturated solution of the compound to form liposomes; and

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conclude* sizing the liposomes to a size effective to inhibit formation of precipitated compound, thereby maintaining the entrapped compound in a supersaturated ~~state~~ solution.

17-18. (Cancelled)
